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VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY
Fourth Street Office Building
Richmond, Virginia
Telephone 804-786-2379 or 2385

Azie Taylor Morton
Texa B. Thurston
Ruby L. Butler

Commissioner
Director of Research
Editor

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Explanatory Notes

NONFARM EMPLOYMENT RECORDS LITTLE CHANGE
IN VIRGINIA DURING OCTOBER 1982

NONAGRICULTURAL EMPLOYMENT IN VIRGINIA WAS VIRTUALLY UNCHANGED BETWEEN MID-SEPTEMBER AND MID-OCTOBER 1982. The 2,172,200 persons on establishment payrolls in October was only 100 fewer than in the preceding month. Growing difficulties in the workforce were accentuated by employment being 3,200 below year-ago levels. All goods-producing sectors (manufacturing, construction, and mining) recorded downtrends in worker totals. In the service-producing industries, services; finance, insurance, and real estate; and transportation and public utilities also reported worker declines. Only in wholesale and retail trade and in government did employment register over-the-month increases. Seasonal forces prompted most of the gains and the smallness of the rises points to the gravity of the problems that continue to plague the economy.

THE NUMBER OF GOVERNMENT WORKERS MOVED UPWARD BY 2,800 IN OCTOBER TO 512,600. While all levels of government (federal, state and local) posted gains over the month, a good deal of the rise was centered in State and local school systems. Several federal agencies reported the rehiring of temporary workers that had been released in September. Last May government workforces totaled 516,500 - the high for 1982. At that time schools had not released nonteaching personnel for the summer. October figures, which included recalled workers in learning institutions, reflect a five-month decline of almost 4,000.

BOTH WHOLESALE AND RETAIL TRADE ESTABLISHMENTS REPORTED UPTRENDS IN JOB HOLDERS. Seasonal pressures were the controlling factor in the 2,600 over-the-month increment. In the wholesale division, establishments that process and sell raw farm-products such as peanuts, were responsible for wholesalers' increases. Among retailers, additions were widespread but to a much lesser degree than in corresponding periods in previous years. Spending hesitancy among consumers continued to persist and many merchants delayed hiring for the upcoming holiday season.

MANUFACTURING EMPLOYMENT DURING OCTOBER WAS 1,400 BELOW SEPTEMBER 1982 AND 12,800 UNDER OCTOBER 1981. Nondurable goods remained unchanged over the month. Processors of fall fruits and vegetables added temporary workers during the month. However, announced layoffs by the tobacco industry counterbalanced these increases. In the durable goods segment decreases were widespread - ranging from drops of 100 to 400. Hard goods producers accounted for over seventy percent of the over-the-year decline. Only transportation equipment was ahead of October 1981 figures. Virginia's 303,100 factory production workers earned \$284.10 in October which was \$5.38 less than last month but \$3.51 more than last year. Hourly earnings averaged \$7.36 - down twelve cents over the month and up 31 cents over the year. The average workweek declined one-tenth of an hour this month to 38.6 hours. This was 1.2 hours shorter than last year. Trends were mixed in the major metropolitan areas.

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	OCT. 1982	SEP. 1982	OCT. 1981	SEP. 1982	OCT. 1981
TOTAL NONAGRICULTURAL	2,172.2	2,172.3	2,175.4	- .1	- 3.2
MANUFACTURING	399.1	400.5	411.9	- 1.4	- 12.8
DURABLE GOODS	178.4	179.8	187.7	- 1.4	- 9.9
LUMBER AND WOOD PRODUCTS	21.1	21.3	21.7	- .2	- .6
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	4.0	5.0	5.6	- .1	- .7
WOOD CONTAINERS	1.6	1.6	1.7	.0	- .1
WOOD BLDGS. & MOBILE HOMES	2.8	2.8	2.3	.0	.5
MISC. WOOD PRODUCTS	2.1	2.1	2.3	.0	- .2
FURNITURE AND FIXTURES	23.6	23.9	25.0	- .3	- 1.4
HOUSEHOLD AND OFFICE FURNITURE	22.3	22.7	23.6	- .4	- 1.3
STONE, CLAY & GLASS PRODUCTS	11.4	11.6	12.6	- .2	- 1.2
STRUCTURAL CLAY PRODUCTS	0.5	0.5	0.7	.0	- .2
CONCRETE, GYPSUM AND PLASTER PRODUCTS	6.2	6.3	6.8	- .1	- .6
GLASS AND GLASS PRODUCTS	1.9	1.8	2.1	.0	- .3
PRIMARY METAL INDUSTRIES	10.2	10.5	11.8	- .3	- 1.6
FABRICATED METAL PRODUCTS	19.2	19.3	20.4	- .1	- 1.2
FABRICATED STRUCTURAL METAL PRODUCTS	11.8	11.7	12.3	- .1	- .7
MACHINERY EXCEPT ELECTRICAL	13.2	13.3	15.0	- .1	- 1.8
CONSTRUCTION AND RELATED MACHINERY	4.1	4.0	4.8	- .1	- .7
SPECIAL INDUSTRY MACHINERY	1.7	1.7	1.8	.0	- .1
REFRIGERATION AND SERVICE MACHINERY	1.6	1.7	2.0	- .1	- .4
ELECTRIC & ELECTRONIC EQUIPMENT	34.6	34.8	36.3	- .2	- 1.7
COMMUNICATION EQUIPMENT	10.2	10.2	10.0	.0	.2
ELECTRONIC COMPONENTS AND ACCESSORIES	6.3	6.4	6.0	- .1	.3
TRANSPORTATION EQUIPMENT	38.7	38.8	38.2	- .1	.5
INSTRUMENTS & RELATED PRODUCTS	4.0	4.0	4.1	.0	- .1
MISC. MANUFACTURING INDUSTRIES	2.4	2.4	2.6	.0	- .2
NONDURABLE GOODS	220.7	220.7	224.1	.0	- 3.4
FOOD & KINDRED PRODUCTS	41.3	40.7	41.4	.8	.1
MEAT PRODUCTS	13.8	13.8	13.7	.0	.1
DAIRY PRODUCTS	2.6	2.6	2.6	.0	.0
PRESERVED FRUITS AND VEGETABLES	4.0	4.2	5.0	.7	- .1
BAKERY PRODUCTS	4.4	4.4	4.7	.0	- .3
BEVERAGES	5.6	5.7	5.5	- .1	.1
TOBACCO MANUFACTURES	19.2	19.9	19.2	- .7	.0
CIGARETTES	15.6	16.2	15.8	- .6	- .2
CIGARS AND CHEWING AND SMOKING TOBACCO	0.5	0.5	0.5	.0	.0
TOBACCO STEMMING AND REDRYING	3.0	3.1	2.9	- .1	.1
TEXTILE MILL PRODUCTS	41.6	41.5	43.9	.1	- 2.3
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	18.2	18.2	19.1	.0	- .9
NARROW FABRIC MILLS	0.7	0.8	0.9	- .1	- .2
KNITTING MILLS	14.2	14.0	13.8	.2	.2
TEXTILE FINISHING EXCEPT WOOL	3.9	3.8	4.7	.0	- .9
YARN AND THREAD MILLS	2.1	2.1	2.4	.0	- .3
MISC. TEXTILE GOODS	1.2	1.2	1.2	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	32.9	32.6	32.6	.3	.3
MENS & BOYS SUITS, COATS AND FURNISHINGS	11.1	11.1	11.2	.0	- .1
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	18.1	17.9	18.0	.2	.1
MISC. FABRICATED TEXTILE PRODUCTS	1.8	1.7	1.7	.1	.1
PAPER & ALLIED PRODUCTS	14.6	14.7	14.9	- .1	- .3
PULP, PAPER & PAPERBOARD	7.9	7.9	8.0	.0	- .1
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	6.4	6.5	6.6	- .1	- .2
MISC. CONVERTED PAPER PRODUCTS	2.6	2.7	2.8	- .1	- .2
PAPERBOARD CONTAINERS AND BOXES	3.8	3.8	3.9	.0	- .1
PRINTING AND PUBLISHING	23.6	23.4	22.6	.2	1.0
NEWSPAPER AND PERIODICALS	8.6	8.5	8.0	.1	.6
COMMERCIAL PRINTING	9.6	9.5	9.3	.1	.3
CHEMICALS & ALLIED PRODUCTS	32.2	32.4	33.6	- .2	- 1.4
INDUSTRIAL INORGANIC CHEMICALS	0.8	0.8	0.9	.0	- .1
PLASTICS MATERIALS AND SYNTHETICS	19.1	19.3	20.5	- .2	- 1.4
DRUGS	3.3	3.3	3.2	.0	.1
AGRICULTURAL CHEMICALS	1.3	1.3	1.2	.0	.1
MISC. CHEMICAL PRODUCTS	4.4	4.4	4.3	.0	.1
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	12.1	12.2	12.4	- .1	- .3
MISC. PLASTICS PRODUCTS	6.4	6.4	6.3	.0	.1
RUBBER & RUBBER PRODUCTS	5.7	5.5	5.7	- .2	- .4
LEATHER & LEATHER PRODUCTS	3.1	3.3	3.5	- .2	- .4

(Continued on page 3)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 2)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	OCT. 1982	SEP. 1982	OCT. 1981	SEP. 1982	OCT. 1981
NONMANUFACTURING	1,773.2	1,771.8	1,763.6	1.4	9.6
MINING	21.7	22.0	23.6	- .3	- 1.9
BITUMINOUS COAL AND LIGNITE MINING	19.6	19.8	20.8	- .2	- 1.2
CONSTRUCTION	107.7	108.2	116.5	- .5	- 8.8
TRANSPORTATION & PUBLIC UTILITIES	116.2	117.2	118.0	- 1.0	- 1.8
RAILROAD TRANSPORTATION	11.0	12.7	14.0	- .8	- 2.1
TRUCKING & WAREHOUSING	25.8	25.7	27.6	.1	- 1.8
TRANSPORTATION BY AIR	11.7	11.8	11.4	- .1	.3
COMMUNICATION	34.2	33.3	33.0	- .1	.2
ELECTRIC, GAS & SANITARY SERVICES	18.6	18.8	17.8	- .2	.8
WHOLESALE & RETAIL TRADE	479.7	477.1	471.1	2.6	8.6
WHOLESALE TRADE	109.0	109.1	108.6	.8	1.4
WHOLESALE TRADE - DURABLE GOODS	66.1	66.3	66.0	- .2	.1
WHOLESALE TRADE - NONDURABLE GOODS	43.9	42.8	42.7	1.0	1.1
RETAIL TRADE	369.9	368.0	362.5	1.9	7.4
GENERAL MERCHANDISE STORES	56.7	56.2	58.4	.5	- 1.7
DEPARTMENT STORES	45.7	45.5	47.6	.2	- 1.9
VARIETY STORES	9.4	9.1	9.1	.3	.3
FOOD STORES	56.5	56.2	56.9	.3	- .4
AUTOMOTIVE DEALERS AND SERVICE STATIONS	43.3	43.3	43.6	.0	- .3
FURNITURE AND HOME FURNISHING STORES	18.7	18.1	17.6	.2	.7
MISCELLANEOUS RETAIL	47.1	46.8	46.7	.3	.4
FINANCE, INSURANCE AND REAL ESTATE	106.4	107.6	106.5	- 1.3	- .2
BANKING	35.6	35.8	34.2	- .2	1.4
INSURANCE CARRIERS	20.1	20.0	20.1	.1	.0
REAL ESTATE	24.7	25.7	26.9	- 1.0	- 2.2
SERVICES	428.9	430.0	418.9	- 1.1	10.0
PERSONAL SERVICES	24.0	23.2	24.1	- .2	- 1.1
BUSINESS SERVICES	84.9	84.7	82.2	.2	2.7
AUTO & MISC. REPAIR SERVICE	18.0	17.9	17.0	.1	1.0
HEALTH SERVICES	113.3	113.2	110.8	.1	2.5
GOVERNMENT	512.6	509.8	509.0	2.8	3.6
FEDERAL GOVERNMENT	157.8	157.0	156.8	.8	1.0
STATE & LOCAL GOVERNMENT	354.8	352.8	352.3	2.0	2.5
STATE GOVERNMENT	125.1	124.7	125.2	.4	- .1
LOCAL GOVERNMENT	229.6	228.1	227.1	1.5	2.5

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to first quarter 1981 benchmark levels.

NOTE: Detail may not add to totals because of rounding.

NONFARM EMPLOYMENT RECORDS LITTLE CHANGE IN VIRGINIA DURING OCTOBER 1982

(continued from page 1)

DOWNTRENDS ALSO OCCURRED IN CONSTRUCTION; FINANCE, INSURANCE, AND REAL ESTATE; MINING; AND TRANSPORTATION AND PUBLIC UTILITIES. During the summer months construction firms normally hire large numbers of workers. Since increases were not as great as they had been in previous years, the October decrease was not as sharp. While the fall in mortgage rates has helped and will continue to help contractors, employment remained well below 1981 levels. Real estate agencies suffered the most substantial downswing in the financial division. A lack of demand for coal was the salient factor in the mining workforce being curtailed. Further layoffs were scheduled to take place after the October survey period. Without coal to haul railroad workers experienced furloughs; thus, lowering transportation's personnel totals.

THE BUREAU OF LABOR STATISTICS' PRODUCERS PRICE INDEX for All Commodities for October 1982 was 299.1 (1967=100). This was an over-the-month increase of 0.1 percent and an over-the-year gain of 1.3 percent. The index for Finished Goods in October was 284.1 (1967=100). the monthly gain was 1.0 percent while the yearly rise was 3.6 percent.

The U. S. Department of Labor's Bureau of Labor Statistics' All Urban Consumers Price Index (CPI-U) for October 1982 was 294.1 (1967=100). The monthly increase was 0.3 percent and the yearly rise was 5.1 percent. The Wage Earners and Clerical Workers Index (CPI-W) rose 0.3 percent over the month to 293.6 (1967=100). From October 1981 to current the increase was 5.0 percent.

The CPI-U-X1 for October 1982 was 268.0 - up 0.4 percent over the month and up 5.6 percent over the year. This index incorporates the new measures of change that will become effective January 1983. If you have any questions, please call 804-786-2379.

Consumer Price Index data for November 1982 will be available on December 21, 1982 and may be obtained by calling 804-786-4490.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS BY INDUSTRY DIVISIONS ANNUAL AVERAGES 1971 - 1981 JANUARY 1978 TO DATE (IN THOUSANDS)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, In- surance and Real Estate	Services and Miscellaneous	Government 1/
Annual Average									
1971	1,587.2	386.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	397.8	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,752.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.3	401.9	18.1	132.0	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	397.7	21.8	111.8	104.4	386.7	88.3	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.0	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,115.0	413.8	23.3	138.4	114.2	443.9	104.4	383.5	493.5
1980	2,187.2	413.8	22.7	128.3	115.8	451.2	105.9	408.3	511.3
1981	2,160.1	411.9	21.4	115.7	110.6	462.8	106.2	415.8	509.6
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,935.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	473.8
March	1,980.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	108.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	109.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	493.9
July	2,085.8	409.2	24.8	142.5	104.4	432.1	99.8	376.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	436.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.9	98.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.8	362.2	489.2
December	2,092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,048.7	411.4	23.7	120.3	111.7	430.6	100.5	358.9	489.6
February	2,028.6	402.2	23.3	114.3	110.6	424.2	100.8	362.4	488.8
March	2,058.8	406.7	23.6	126.1	112.2	429.7	100.8	369.9	489.8
April	2,091.8	407.7	23.6	135.3	111.4	439.1	102.3	380.3	492.1
May	2,113.2	409.7	23.7	141.0	112.4	443.0	103.3	384.0	495.2
June	2,140.9	412.3	23.8	147.0	116.2	445.8	105.9	390.0	499.0
July	2,137.9	414.8	23.4	150.8	116.4	442.1	107.6	394.2	488.6
August	2,143.0	417.4	23.3	151.2	116.4	445.0	108.0	395.8	485.9
September	2,148.7	420.3	22.9	147.6	116.2	448.2	106.3	392.9	494.3
October	2,152.6	421.5	22.9	144.5	115.5	453.5	105.7	391.3	497.7
November	2,159.8	421.6	22.7	143.5	115.3	459.0	105.6	391.8	500.3
December	2,160.0	420.3	22.8	139.5	115.6	466.0	106.2	389.1	500.5
1980:									
January	2,106.8	415.3	22.4	124.5	112.7	441.7	104.3	386.3	501.6
February	2,102.8	416.4	22.1	120.3	112.6	435.3	104.1	388.1	503.9
March	2,118.0	416.9	22.2	122.7	113.2	437.8	104.4	393.8	507.0
April	2,150.0	414.2	22.7	128.8	115.5	446.0	104.8	406.1	511.9
May	2,163.0	413.0	22.0	131.7	115.8	449.0	105.7	410.0	515.0
June	2,179.6	410.7	23.0	134.1	117.1	450.6	107.6	418.1	518.4
July	2,159.9	403.8	22.8	134.0	117.1	451.4	108.0	419.2	503.6
August	2,172.4	411.1	22.9	134.3	117.5	454.3	108.0	421.1	503.2
September	2,180.2	414.1	22.8	131.5	116.6	455.5	106.9	416.8	516.0
October	2,180.0	416.8	22.8	129.1	116.8	457.3	105.9	416.3	515.0
November	2,180.9	416.9	22.9	126.3	117.0	463.1	105.6	411.9	517.2
December	2,188.6	415.7	22.9	122.8	117.4	472.4	106.1	411.3	520.2
1981:									
January	2,124.0	411.4	22.5	108.9	114.4	451.0	104.5	399.7	511.6
February	2,122.4	411.1	22.6	108.3	114.5	447.4	104.3	400.4	513.8
March	2,140.0	413.0	22.7	113.0	115.0	448.7	105.1	406.8	515.8
April	2,146.2	411.8	12.9	116.5	114.6	454.7	105.9	413.5	516.4
May	2,154.3	412.9	13.0	118.1	115.1	458.2	105.9	415.7	515.5
June	2,187.1	413.2	22.4	121.2	118.0	464.5	107.6	424.7	515.6
July	2,171.9	410.5	22.7	121.4	118.6	465.1	108.1	427.7	497.8
August	2,169.6	412.4	23.2	120.9	118.4	466.6	108.0	426.9	493.2
September	2,178.9	416.1	23.5	118.4	117.9	468.6	107.5	423.7	503.2
October	2,175.4	411.9	23.6	116.5	118.0	471.1	106.5	418.9	509.0
November	2,174.7	410.4	23.9	113.9	117.6	475.1	105.8	416.0	511.9
December	2,176.2	408.5	23.5	111.1	117.6	483.1	105.7	415.6	511.1
1982:									
January	2,139.9	402.7	23.4	98.5	117.7	469.7	105.4	412.9	509.7
February	2,139.1	402.4	23.3	99.6	117.0	465.1	105.3	415.4	511.0
March	2,144.8	398.9	23.8	102.0	118.9	465.5	105.7	418.5	513.6
April	2,157.1	398.3	24.0	104.8	117.2	469.8	105.7	423.9	513.3
May	2,165.8	396.7	23.7	107.2	118.3	473.9	106.2	425.8	513.8
June	2,180.9	397.8	23.0	108.6	118.4	477.3	107.2	432.0	516.5
July	2,167.2	395.8	22.4	110.0	117.4	477.1	107.5	432.2	502.1
August	2,166.4	397.7	22.2	110.1	118.4	476.3	107.4	430.6	509.8
September	2,172.3	400.5	22.0	108.2	117.2	477.1	107.6	428.9	512.6
October	2,172.3	399.1	21.7	107.7	116.2	479.7	106.3		

See footnote Table A-1.

Table A-3.

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	OCT. 1982	SEP. 1982	OCT. 1981	SEP. 1982	OCT. 1981
TOTAL NONAGRICULTURAL	947.0	945.7	935.4	2.2	12.6
MANUFACTURING	143.3	143.2	147.4	.1	- 4.1
DURABLE GOODS	45.2	45.5	47.1	- .3	- 1.9
LUMBER AND WOOD PRODUCTS	3.5	3.5	3.8	.0	-.3
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	1.0	1.1	1.5	-.1	-.4
WOOD CONTAINERS	0.4	0.4	0.4	.0	.0
WOOD BLDGS. & MOBILE HOMES	0.3	0.3	0.2	.0	.1
MISC. WOOD PRODUCTS	0.5	0.5	0.5	.0	.0
FURNITURE AND FIXTURES	8.9	9.0	9.2	-.1	-.2
HOUSEHOLD AND OFFICE FURNITURE	8.5	8.7	8.8	-.2	-.3
STONE, CLAY & GLASS PRODUCTS	1.6	1.7	1.7	-.1	-.1
STRUCTURAL CLAY PRODUCTS	0.0	0.0	0.1	.0	-.1
CONCRETE, GYPSUM AND PLASTER PRODUCTS	0.5	0.5	0.5	.0	.0
GLASS AND GLASS PRODUCTS	0.4	0.4	0.5	.0	-.1
PRIMARY METAL INDUSTRIES	1.6	1.6	1.7	.0	-.1
FABRICATED METAL PRODUCTS	3.8	3.8	3.6	.0	.2
FABRICATED STRUCTURAL METAL PRODUCTS	1.5	1.5	1.6	.0	-.1
MACHINERY EXCEPT ELECTRICAL	2.1	2.1	2.3	.0	-.2
CONSTRUCTION AND RELATED MACHINERY	0.5	0.5	0.7	.0	-.2
SPECIAL INDUSTRY MACHINERY	0.2	0.2	0.2	.0	.0
REFRIGERATION AND SERVICE MACHINERY	0.4	0.4	0.4	.0	.0
ELECTRIC & ELECTRONIC EQUIPMENT	15.4	15.4	16.3	.0	-.9
COMMUNICATION EQUIPMENT	5.0	5.0	5.1	.0	-.1
ELECTRONIC COMPONENTS AND ACCESSORIES	2.5	2.5	2.5	.0	.0
TRANSPORTATION EQUIPMENT	5.4	5.3	5.3	.1	.1
INSTRUMENTS & RELATED PRODUCTS	2.0	2.0	1.9	.0	.1
MISC. MANUFACTURING INDUSTRIES	1.1	1.1	1.3	.0	-.2
NONDURABLE GOODS	98.0	97.7	100.3	.3	- 2.3
FOOD & KINDRED PRODUCTS	15.9	15.4	16.2	.5	-.3
MEAT PRODUCTS	6.0	6.1	6.0	-.1	.0
DAIRY PRODUCTS	0.6	0.6	0.6	.0	.0
PRESERVED FRUITS AND VEGETABLES	2.6	2.2	2.9	.4	-.3
BAKERY PRODUCTS	1.2	1.2	1.3	.0	-.1
BEVERAGES	0.7	0.7	0.7	.0	.0
TOBACCO MANUFACTURES	6.1	6.3	6.1	-.2	.0
CIGARETTES	4.8	5.1	4.9	-.3	-.1
CIGARS AND CHEWING AND SMOKING TOBACCO	0.2	0.2	0.2	.0	.0
TOBACCO STEMMING AND PEDRYING	1.1	1.0	1.0	.1	.1
TEXTILE MILL PRODUCTS	22.5	22.6	23.6	-.1	- 1.1
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	8.2	8.3	8.7	-.1	-.5
NARROW FABRIC MILLS	0.4	0.4	0.5	.0	-.1
KNITTING MILLS	10.5	10.4	10.0	.1	.5
TEXTILE FINISHING EXCEPT WOOL	1.2	1.3	1.7	.0	-.4
YARN AND THREAD MILLS	1.1	1.1	1.4	.0	-.3
MISC. TEXTILE GOODS	0.4	0.4	0.4	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	29.6	29.3	29.3	.3	.3
MENS & BOYS SUITS, COATS AND FURNISHINGS	10.0	10.0	10.2	.0	-.2
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	16.8	16.6	16.5	.2	.3
MISC. FABRICATED TEXTILE PRODUCTS	1.2	1.1	1.1	.1	.1
PAPER & ALLIED PRODUCTS	2.5	2.6	2.8	-.1	-.3
PULP, PAPER & PAPERBOARD	0.8	0.8	0.8	.0	.0
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	1.7	1.7	1.9	.0	-.2
MISC. CONVERTED PAPER PRODUCTS	1.0	1.0	1.2	.0	-.2
PAPERBOARD CONTAINERS AND BOXES	0.7	0.7	0.7	.0	.0
PRINTING AND PUBLISHING	8.5	8.4	8.2	.1	.3
NEWSPAPER AND PERIODICALS	3.2	3.2	3.2	.0	.0
COMMERCIAL PRINTING	2.6	2.5	2.5	.1	.1
CHEMICALS & ALLIED PRODUCTS	8.1	8.4	8.9	-.1	-.6
INDUSTRIAL INORGANIC CHEMICALS	0.2	0.2	0.2	.0	.0
PLASTICS MATERIALS AND SYNTHETICS	4.6	4.7	5.2	-.1	-.6
DRUGS	1.2	1.2	1.2	.0	.0
AGRICULTURAL CHEMICALS	0.3	0.3	0.4	.0	-.1
MISC. CHEMICAL PRODUCTS	0.8	0.8	0.8	.0	.0
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	2.4	2.5	2.7	-.1	-.3
MISC. PLASTICS PRODUCTS	1.8	1.8	1.8	.0	.0
RUBBER & RUBBER PRODUCTS	0.6	0.7	0.9	-.1	-.3
LEATHER & LEATHER PRODUCTS	2.2	2.3	2.5	-.1	-.3

(Continued on page 7)

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 6)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	OCT. 1982	SEP. 1982	OCT. 1981	SEP. 1982	OCT. 1981
NONMANUFACTURING	804.6	802.5	788.0	2.1	16.6
MINING	1.1	1.1	1.1	.0	.0
BITUMINOUS COAL AND LIGNITE MINING	0.9	0.9	1.0	.0	.1
CONSTRUCTION	9.0	9.1	9.7	-.1	-.7
TRANSPORTATION & PUBLIC UTILITIES	31.6	31.6	30.8	-.2	-.8
RAILROAD TRANSPORTATION	1.6	1.7	1.8	-.1	-.2
TRUCKING & WAREHOUSING	3.2	3.2	3.3	.0	.1
TRANSPORTATION BY AIR	4.7	4.7	4.4	.0	.3
COMMUNICATION	16.0	16.1	15.7	-.1	-.3
ELECTRIC, GAS & SANITARY SERVICES	4.2	4.3	3.9	-.1	-.4
WHOLESALE & RETAIL TRADE	217.3	216.2	213.5	1.1	3.8
WHOLESALE TRADE	27.8	27.3	27.4	.3	.4
WHOLESALE TRADE - DURABLE GOODS	16.2	16.2	16.1	.0	.1
WHOLESALE TRADE - NONDURABLE GOODS	11.5	11.3	11.3	.2	.2
RETAIL TRADE	189.5	188.7	186.1	.8	3.4
GENERAL MERCHANDISE STORES	39.2	39.1	41.5	.1	2.3
DEPARTMENT STORES	30.5	30.4	32.7	.1	2.2
VARIETY STORES	7.6	7.5	7.7	.1	.1
FOOD STORES	23.4	23.4	23.5	.0	.1
AUTOMOTIVE DEALERS AND SERVICE STATIONS	8.9	8.8	9.0	.0	.2
FURNITURE AND HOME FURNISHING STORES	6.2	6.2	6.0	.0	.2
MISCELLANEOUS RETAIL	28.1	27.9	27.5	.2	.6
FINANCE, INSURANCE AND REAL ESTATE	63.3	63.5	62.3	-.2	1.0
BANKING	26.1	25.9	24.6	.2	1.5
INSURANCE CARRIERS	11.3	11.3	11.2	.0	.1
REAL ESTATE	9.9	10.2	10.6	-.4	-.7
SERVICES	241.8	242.3	235.4	-.5	6.4
PERSONAL SERVICES	14.5	14.4	15.3	.1	.8
BUSINESS SERVICES	34.5	34.4	34.1	.1	.4
AUTO & MISC. REPAIR SERVICE	4.1	4.0	3.9	.1	.2
HEALTH SERVICES	93.4	93.6	91.5	-.2	1.9
GOVERNMENT	240.6	238.5	235.4	2.1	5.2
FEDERAL GOVERNMENT	57.7	57.5	54.8	.2	2.9
STATE & LOCAL GOVERNMENT	182.8	181.0	180.6	1.8	2.2
STATE GOVERNMENT	58.4	58.3	58.6	.1	-.2
LOCAL GOVERNMENT	124.4	122.7	122.0	1.7	2.4

See footnote Table A-1.

Table A-4.

ESTIMATED NUMBER OF PRODUCTION WORKERS
IN VIRGINIA MANUFACTURING INDUSTRIES

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	OCT. 1982	SEP. 1982	OCT. 1981	SEP. 1982	OCT. 1981
MANUFACTURING	303.1	304.6	316.5	- 1.5	- 13.4
DURABLE GOODS	132.1	133.5	141.6	- 1.4	- 9.5
LUMBER AND WOOD PRODUCTS	18.0	18.1	18.3	- .1	- .3
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	4.1	4.2	4.8	- .1	- .7
WOOD CONTAINERS	1.5	1.4	1.6	.1	- .1
WOOD BLDGS. & MOBILE HOMES	2.2	2.2	1.7	.0	.5
MISC. WOOD PRODUCTS	1.8	1.8	2.1	.0	-.3
FURNITURE AND FIXTURES	20.0	20.3	21.0	-.3	- 1.0
HOUSEHOLD AND OFFICE FURNITURE	19.2	19.5	20.0	-.3	-.8
STONE, CLAY & GLASS PRODUCTS	8.7	8.9	10.0	-.2	- 1.3
STRUCTURAL CLAY PRODUCTS	0.4	0.4	0.6	.0	-.2
CONCRETE, GYPSUM AND PLASTER PRODUCTS	4.7	4.8	5.4	-.1	-.7
GLASS AND GLASS PRODUCTS	1.4	1.4	1.7	.0	-.3
PRIMARY METAL INDUSTRIES	5.4	5.7	6.5	-.3	- 1.1
FABRICATED METAL PRODUCTS	11.0	13.0	13.8	.0	-.8
FABRICATED STRUCTURAL METAL PRODUCTS	6.8	6.8	7.2	.0	-.4
MACHINERY EXCEPT ELECTRICAL	9.0	9.1	10.4	-.1	- 1.4
CONSTRUCTION AND RELATED MACHINERY	2.5	2.5	2.9	.0	-.4
SPECIAL INDUSTRY MACHINERY	1.0	1.0	1.2	.0	-.2
REFRIGERATION AND SERVICE MACHINERY	1.1	1.1	1.3	.0	-.2
ELECTRIC & ELECTRONIC EQUIPMENT	21.5	21.7	24.0	-.2	- 2.5
COMMUNICATION EQUIPMENT	6.0	6.0	6.4	.0	-.4
ELECTRONIC COMPONENTS AND ACCESSORIES	3.2	3.3	3.5	-.1	-.3
TRANSPORTATION EQUIPMENT	32.1	32.2	32.5	-.1	-.4
INSTRUMENTS & RELATED PRODUCTS	2.5	2.5	2.9	.0	-.4
MISC. MANUFACTURING INDUSTRIES	1.0	2.0	2.2	-.1	-.3
NONDURABLE GOODS	171.0	171.1	174.8	- .1	- 3.8
FOOD & KINDRED PRODUCTS	31.5	30.8	31.8	.7	- .3
MEAT PRODUCTS	11.7	11.7	11.9	.0	-.2
DAIRY PRODUCTS	1.5	1.5	1.6	.0	-.1
PRESERVED FRUITS AND VEGETABLES	4.5	3.8	4.7	.7	-.2
BAKERY PRODUCTS	2.1	2.3	2.4	.0	-.1
BEVERAGES	2.6	2.8	2.6	-.2	.0
TOBACCO MANUFACTURES	14.1	14.6	14.1	-.5	.0
CIGARETTES	11.1	11.7	11.3	-.4	.0
CIGARS AND CHEWING AND SMOKING TOBACCO	0.4	0.4	0.4	.0	.0
TOBACCO STEMMING AND REDRYING	2.4	2.5	2.4	-.1	.0
TEXTILE MILL PRODUCTS	36.8	36.8	39.1	.0	- 2.3
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	16.1	16.2	16.9	-.1	-.8
NARROW FABRIC MILLS	0.7	0.7	0.8	.0	-.1
KNITTING MILLS	12.6	12.5	12.7	.1	-.1
TEXTILE FINISHING EXCEPT WOOL	3.2	3.2	4.0	.0	-.8
YARN AND THREAD MILLS	1.9	1.9	2.2	.0	-.3
MISC. TEXTILE GOODS	1.0	1.0	1.0	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	29.7	29.4	29.0	.3	.7
MENS & BOYS SUITS, COATS AND FURNISHINGS	17.1	10.2	10.1	-.1	.0
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	16.5	16.2	16.1	.3	.4
MISC. FABRICATED TEXTILE PRODUCTS	1.5	1.4	1.3	.1	.2
PAPER & ALLIED PRODUCTS	11.2	11.3	11.5	-.1	-.3
PULP, PAPER & PAPERBOARD	5.4	5.5	5.6	-.1	-.2
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	5.5	5.6	5.7	-.1	-.2
MISC. CONVERTED PAPER PRODUCTS	2.2	2.3	2.3	-.1	-.1
PAPERBOARD CONTAINERS AND BOXES	3.3	3.3	3.3	.0	.0
PRINTING AND PUBLISHING	14.2	14.1	14.1	.1	.1
NEWSPAPER AND PERIODICALS	3.0	2.9	3.0	.1	.0
COMMERCIAL PRINTING	7.4	7.4	7.3	.0	.1
CHEMICALS & ALLIED PRODUCTS	21.7	21.9	22.7	-.2	- 1.0
INDUSTRIAL INORGANIC CHEMICALS	0.1	0.3	0.4	.0	-.1
PLASTICS MATERIALS AND SYNTHETICS	13.8	14.0	14.9	-.2	- 1.1
DRUGS	2.0	2.0	1.8	.0	.2
AGRICULTURAL CHEMICALS	0.8	0.7	0.6	.1	.2
MISC. CHEMICAL PRODUCTS	2.7	2.7	2.8	.0	-.1
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	9.2	9.3	9.4	-.1	-.2
MISC. PLASTICS PRODUCTS	4.8	4.8	4.8	.0	.0
RUBBER & RUBBER PRODUCTS	4.1	4.2	4.4	-.1	-.3
LEATHER & LEATHER PRODUCTS	2.7	2.9	3.1	-.2	-.4

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	OCT. 1982	SEP. 1982	OCT. 1981	SEP. 1982	OCT. 1981
TOTAL NONAGRICULTURAL	26.9	27.3	27.3	- .4	- .4
MANUFACTURING	8.5	8.9	9.3	- .4	- .8
DURABLE GOODS	4.4	4.5	4.8	- .1	- .4
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	0.2	0.2	0.2	.0	.0
STONE, CLAY & GLASS PRODUCTS	0.2	0.3	0.3	- .1	- .1
PRIMARY METAL INDUSTRY & FABRICATED METAL PRODUCTS	2.1	2.1	2.4	.0	.3
OTHER DURABLE GOODS	1.9	2.0	2.0	- .1	- .1
NONDURABLE GOODS	4.2	4.4	4.4	- .2	- .2
FOOD & KINDRED PRODUCTS	1.6	1.7	1.7	- .1	- .1
TEXTILE MILL PRODUCTS	0.1	0.1	0.1	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	1.7	1.8	1.9	- .1	- .2
PAPER & ALLIED PRODS. & PRINTING & PUBLISHING	0.4	0.4	0.4	.0	.0
OTHER NONDURABLE GOODS	0.3	0.3	0.4	- .2	- .1
NONMANUFACTURING	18.4	18.4	18.0	.0	.4
CONSTRUCTION	0.7	0.7	0.9	.0	.2
TRANSPORTATION & PUBLIC UTILITIES	1.2	1.2	1.1	.0	.1
WHOLESALE & RETAIL TRADE	7.1	7.1	6.5	.0	.6
WHOLESALE TRADE	1.4	1.4	1.3	.0	.1
RETAIL TRADE	5.7	5.7	5.1	.0	.6
FINANCE, INSURANCE AND REAL ESTATE	0.0	0.0	0.0	.0	.0
SERVICES & MINING	3.6	3.7	3.5	- .1	.1
GOVERNMENT	4.8	4.8	5.2	.0	.4
STATE & LOCAL GOVERNMENT	4.3	4.3	4.6	.0	.3

The Bristol, Virginia Area covers the city of Bristol and the counties of Scott and Washington.

NOTE: The category "Other Durable Goods" includes the machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

The category "Other Nondurable Goods" includes the tobacco, Chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	OCT. 1982	SEP. 1982	OCT. 1981	SEP. 1982	OCT. 1981
TOTAL NONAGRICULTURAL	68.1	68.8	71.0	- .7	- 2.9
MANUFACTURING	26.6	26.6	28.9	.0	- 2.3
DURABLE GOODS	16.8	16.9	18.7	- .1	- 1.9
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	3.6	3.6	4.0	.0	.4
OTHER DURABLE GOODS	13.2	13.2	14.7	.0	- 1.5
NONDURABLE GOODS	9.8	9.8	10.2	.0	- .4
FOOD & KINDRED PRODUCTS	1.4	1.6	1.6	.0	.0
TEXTILE MILL PRODUCTS	1.7	1.7	2.0	.0	.3
APPAREL & OTHER TEXTILE PRODUCTS	2.1	2.0	2.1	.1	.0
PAPER & ALLIED PRODUCTS	1.2	1.2	1.2	.0	.0
OTHER NONDURABLE GOODS	3.2	3.3	3.4	- .1	- .2
NONMANUFACTURING	41.5	42.1	42.0	- .6	- .5
CONSTRUCTION	2.6	2.7	2.8	- .1	- .2
TRANSPORTATION & PUBLIC UTILITIES	2.6	2.6	2.7	.0	- .1
WHOLESALE & RETAIL TRADE	12.3	12.4	12.0	- .1	.3
WHOLESALE TRADE	2.5	2.5	2.3	.0	.2
RETAIL TRADE	9.8	9.9	9.7	- .1	.1
FINANCE, INSURANCE AND REAL ESTATE	3.3	3.3	3.3	.0	.0
SERVICES & MINING	11.0	11.4	11.0	- .4	.0
GOVERNMENT	9.8	9.7	10.2	.1	- .4

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox, and Campbell.

NOTE: The category "Other Durable Goods" includes the stone, clay, and glass products; primary metal; fabricated metal products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

The category "Other Nondurable Goods" includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

See footnote Table A-1.

Table A-7.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	OCT. 1982	SEP. 1982	OCT. 1981	SEP. 1982	OCT. 1981
TOTAL NONAGRICULTURAL	155.0	155.6	151.7	- .6	3.3
MANUFACTURING	36.6	36.3	33.9	.3	2.7
DURABLE GOODS	30.5	30.2	28.0	.3	2.5
STONE, CLAY & GLASS PRODUCTS	0.4	0.4	0.5	.0	.1
TRANSPORTATION EQUIPMENT	27.2	26.8	24.3	.4	2.9
OTHER DURABLE GOODS	2.9	3.0	3.3	-.1	.4
NONDURABLE GOODS	6.1	6.2	5.9	-.1	.2
FOOD & KINDRED PRODUCTS	2.7	2.7	2.4	.0	.3
TEXTILE MILL PROD & APPAREL & OTHER TEXTILE PRODUCTS	0.4	0.5	0.5	-.1	.1
PRINTING AND PUBLISHING	1.2	1.1	1.1	.1	.1
OTHER NONDURABLE GOODS	1.8	1.9	2.0	-.1	.2
NONMANUFACTURING	118.4	119.3	117.8	-.9	.6
CONSTRUCTION	6.2	6.4	6.7	-.2	.5
TRANSPORTATION & PUBLIC UTILITIES	5.1	5.3	5.0	.0	.3
WHOLESALE & RETAIL TRADE	30.2	30.1	29.4	.1	.8
WHOLESALE TRADE	3.9	3.9	3.8	.0	.1
RETAIL TRADE	26.3	26.2	25.6	.1	.7
FINANCE, INSURANCE AND REAL ESTATE	4.8	4.9	4.8	-.1	.0
SERVICES & MINING	32.0	32.6	31.5	-.6	.5
GOVERNMENT	40.0	40.1	40.3	-.1	.3
FEDERAL GOVERNMENT	16.8	17.2	17.1	-.4	.3
STATE & LOCAL GOVERNMENT	23.2	22.9	23.2	.4	.1

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson, and Williamsburg and the counties of James City, York, and Gloucester.

NOTE: The category "Other Durable Goods" includes the lumber and wood products; furniture and fixtures; primary metal; fabricated metal products; machinery, except electrical; electric and electronic equipment; instruments and related products; and miscellaneous manufacturing industries.

The category "Other Nondurable Goods" includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	OCT. 1982	SEP. 1982	OCT. 1981	SEP. 1982	OCT. 1981
TOTAL NONAGRICULTURAL	292.9	292.1	291.3	.8	1.6
MANUFACTURING	28.4	28.6	30.0	-.2	1.6
DURABLE GOODS	16.6	16.9	18.3	-.3	1.7
LUMBER AND WOOD PRODUCTS	1.5	1.5	1.5	.0	.0
STONE, CLAY & GLASS PRODUCTS	1.6	1.8	1.7	-.2	.1
FABRICATED METAL PRODUCTS	1.0	1.0	1.1	.0	.1
MACHINERY EXCEPT ELECTRICAL	1.1	1.1	1.3	.0	.2
TRANSPORTATION EQUIPMENT	7.4	7.4	8.2	.0	.8
OTHER DURABLE GOODS	4.0	4.1	4.4	-.1	.4
NONDURABLE GOODS	11.8	11.7	11.7	.1	.1
FOOD & KINDRED PRODUCTS	5.9	5.9	5.7	.0	.2
APPAREL & OTHER TEXTILE PRODUCTS	0.9	0.8	1.0	.1	.1
PRINTING AND PUBLISHING	2.7	2.7	2.4	.0	.3
CHEMICALS & ALLIED PRODUCTS	1.2	1.1	1.1	.1	.1
AGRICULTURAL CHEMICALS	0.5	0.5	0.5	.0	.0
OTHER NONDURABLE GOODS	1.2	1.2	1.4	.0	.2
NONMANUFACTURING	264.5	263.5	261.3	1.0	3.2
CONSTRUCTION	17.6	17.5	17.5	.1	.1
TRANSPORTATION & PUBLIC UTILITIES	20.1	20.0	19.8	.1	.3
RAILROAD TRANSPORTATION	1.7	1.4	1.5	-.1	.2
WHOLESALE & RETAIL TRADE	71.6	71.6	71.5	.0	.1
WHOLESALE TRADE	15.7	14.8	15.5	.4	.3
RETAIL TRADE	56.4	56.7	56.0	-.3	.4
FINANCE, INSURANCE AND REAL ESTATE	15.1	15.1	15.0	.0	.1
BANKING	5.0	5.0	4.8	.0	.2
INS. CARRIERS, AGENTS, BROKERS, & SERVICES	3.3	3.3	3.3	.0	.0
SERVICES & MINING	60.6	62.0	58.6	1.4	2.0
PERSONAL SERVICES	4.7	4.8	4.5	-.1	.2
GOVERNMENT	79.5	77.3	78.9	2.2	.6
FEDERAL GOVERNMENT	37.8	36.2	37.0	1.6	.8
STATE & LOCAL GOVERNMENT	41.7	41.1	41.8	.6	.1

The Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk, and Virginia Beach, Virginia and the county of Currituck, North Carolina.

NOTE: The category "Other Durable Goods" includes the furniture and fixtures, primary metal, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

The category "Other Nondurable Goods" includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	OCT. 1982	SEP. 1982	OCT. 1981	SEP. 1982	OCT. 1981
TOTAL NONAGRICULTURAL	476.1	473.8	466.7	2.3	9.4
MANUFACTURING	22.1	21.9	20.3	.2	1.8
DURABLE GOODS	13.4	13.3	12.4	.1	1.0
STONE, CLAY & GLASS PRODUCTS	0.9	0.9	1.0	.0	-.1
FABRICATED METAL PRODUCTS	1.0	1.0	1.0	.0	.0
MACHINERY EXCEPT ELECTRICAL	0.6	0.6	0.7	.0	-.1
ELECTRIC & ELECTRONIC EQUIPMENT	8.4	8.4	7.4	.0	1.0
OTHER DURABLE GOODS	2.5	2.5	2.4	.0	.1
NONDURABLE GOODS	8.7	8.6	7.9	.1	.8
FOOD & KINDRED PRODUCTS	1.1	1.1	1.1	.0	.0
PRINTING AND PUBLISHING	5.8	5.6	5.2	.2	.6
OTHER NONDURABLE GOODS	1.0	1.9	1.6	.0	.3
NONMANUFACTURING	454.0	451.9	446.4	2.1	7.6
MINING	0.4	0.4	0.4	.0	.0
CONSTRUCTION	26.6	26.6	28.6	.0	-2.0
TRANSPORTATION & PUBLIC UTILITIES	32.0	32.0	31.6	.0	.4
TRANSPORTATION BY AIR	8.5	8.5	8.5	.0	.0
ELECTRIC, GAS & SANITARY SERVICES	3.9	3.8	3.8	.0	.0
WHOLESALE & RETAIL TRADE	114.8	114.8	112.6	.0	2.2
RETAIL TRADE	22.7	22.7	22.0	.0	.7
GENERAL MERCHANDISE STORES	92.1	92.1	90.5	.0	1.6
FOOD STORES	13.6	13.6	13.6	.0	.0
AUTOMOTIVE DEALERS AND SERVICE STATIONS	9.9	10.0	10.1	-.1	-.2
APPAREL & ACCESSORY STORES	11.1	11.2	10.9	-.1	.2
EATING & DRINKING PLACES	6.5	6.5	6.1	.0	.4
FINANCE, INSURANCE AND REAL ESTATE	28.8	28.7	28.3	.1	.5
BANKING	29.4	29.5	29.2	-.1	.2
SERVICES	6.6	6.6	6.6	.0	.0
BUSINESS SERVICES	128.8	128.3	125.0	.5	3.8
GOVERNMENT	45.5	45.2	43.5	.3	2.0
FEDERAL GOVERNMENT	122.1	120.3	119.0	1.8	3.1
STATE & LOCAL GOVERNMENT	67.1	66.9	65.6	.2	1.5
	55.0	55.4	55.5	1.6	1.5

The Northern Virginia Area covers the cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, and Prince William.

NOTE: The category "Other Durable Goods" includes the lumber and wood products, furniture and fixtures, primary metal, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

The category "Other Nondurable Goods" includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	OCT. 1982	SEP. 1982	OCT. 1981	SEP. 1982	OCT. 1981
TOTAL NONAGRICULTURAL	45.0	45.3	44.8	-.3	.2
MANUFACTURING	9.1	9.8	10.3	-.7	-1.2
DURABLE GOODS	2.1	2.1	2.3	.0	-.2
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	0.4	0.4	0.4	.0	.0
STONE, CLAY & GLASS PRODUCTS	0.1	0.1	0.2	.0	-.1
FABRICATED METAL PRODUCTS	0.1	0.1	0.2	.0	-.1
OTHER DURABLE GOODS	1.4	1.4	1.5	.0	-.1
NONDURABLE GOODS	6.9	7.7	8.0	-.8	-1.1
FOOD & KINDRED PRODUCTS	0.3	0.3	0.3	.0	.0
TEXTILE MILL PROD & APPAREL & OTHER TEXTILE PRODUCTS	0.3	0.3	0.4	.0	-.1
CHEMICALS & ALLIED PRODUCTS	3.0	3.1	3.6	-.1	-.6
OTHER NONDURABLE GOODS	3.3	3.9	3.8	-.6	-.5
NONMANUFACTURING	35.9	35.5	34.5	.4	1.4
CONSTRUCTION	2.2	2.1	1.8	.1	.4
TRANSPORTATION & PUBLIC UTILITIES	1.2	1.2	1.3	.0	-.1
WHOLESALE & RETAIL TRADE	9.4	9.3	8.8	.1	.6
WHOLESALE TRADE	1.1	1.1	1.2	.0	-.1
RETAIL TRADE	8.2	8.1	7.6	.1	.6
FINANCE, INSURANCE AND REAL ESTATE	1.3	1.2	1.2	.1	.1
SERVICES & MINING	7.4	7.4	6.9	.0	.5
GOVERNMENT	14.5	14.3	14.6	.2	-.1
FEDERAL GOVERNMENT	5.0	5.1	5.4	-.1	-.4
STATE & LOCAL GOVERNMENT	9.5	9.3	9.2	.2	.3

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell, and Petersburg and the counties of Dinwiddie and Prince George.

NOTE: The category "Other Durable Goods" includes the primary metal; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

The category "Other Nondurable Goods" includes the paper and allied products, printing and publishing, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	OCT. 1982	SEP. 1982	OCT. 1981	SEP. 1982	OCT. 1981
TOTAL NONAGRICULTURAL	327.9	328.5	327.3	- .6	.6
MANUFACTURING	54.2	54.0	56.3	.2	- 2.1
DURABLE GOODS	14.8	14.7	17.2	.1	- 2.4
LUMBER AND WOOD PRODUCTS	1.4	1.4	1.6	.0	.2
FURNITURE AND FIXTURES	1.1	1.0	1.7	.1	.6
STONE, CLAY & GLASS PRODUCTS	0.9	0.9	1.3	.0	.4
FABRICATED METAL PRODUCTS	2.2	2.2	2.4	.0	-.2
FABRICATED STRUCTURAL METAL PRODUCTS	1.7	1.6	1.8	.1	-.1
MACHINERY EXCEPT ELECTRICAL	2.1	2.1	2.2	.0	-.1
OTHER DURABLE GOODS	7.0	7.1	8.0	-.1	- 1.0
NONDURABLE GOODS	39.4	39.3	39.1	.1	.3
FOOD & KINDRED PRODUCTS	4.1	4.0	4.3	.1	-.2
BAKERY PRODUCTS	1.6	1.5	1.6	.1	.0
TOBACCO MANUFACTURES	15.5	15.6	15.3	-.1	.2
CIGARETTES	12.1	12.1	12.3	.0	-.2
TOBACCO STEMMING AND REBRYING	1.0	1.1	0.7	-.1	.3
APPAREL & OTHER TEXTILE PRODUCTS	2.1	2.1	2.1	.0	.0
PAPER & ALLIED PRODUCTS	4.1	4.1	4.1	.0	.0
PRINTING AND PUBLISHING	5.8	5.8	5.5	.0	.3
COMMERCIAL PRINTING	3.1	3.4	3.2	.1	.3
CHEMICALS & ALLIED PRODUCTS	9.2	8.2	8.2	.0	.0
OTHER NONDURABLE GOODS	1.6	1.6	1.6	.0	.0
NONMANUFACTURING	273.7	274.6	271.0	-.9	2.7
MINING	0.2	0.3	0.3	-.1	.1
CONSTRUCTION	17.0	17.1	17.7	-.1	.7
TRANSPORTATION & PUBLIC UTILITIES	19.7	19.7	19.9	.0	-.2
WHOLESALE & RETAIL TRADE	77.8	77.7	76.0	.1	1.8
WHOLESALE TRADE	23.6	23.5	23.8	.1	-.2
RETAIL TRADE	54.2	54.2	52.2	.0	2.0
GENERAL MERCHANDISE STORES	11.0	11.8	10.7	.1	1.2
FOOD STORES	7.4	7.3	7.5	.1	-.1
AUTOMOTIVE DEALERS AND SERVICE STATIONS	5.8	5.9	5.7	-.1	.1
FINANCE, INSURANCE AND REAL ESTATE	26.0	26.2	26.1	-.2	-.1
INS. CARRIERS, AGENTS, BROKERS, & SERVICES	10.1	10.0	10.5	.1	-.4
SERVICES	61.4	62.1	60.1	-.7	1.3
GOVERNMENT	71.7	71.5	71.0	.2	.7
FEDERAL GOVERNMENT	9.2	9.4	9.1	-.2	.1
STATE & LOCAL GOVERNMENT	62.4	62.1	61.9	.3	.3

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent, and Powhatan.

NOTE: The category "Other Durable Goods" includes the primary metal, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

The category "Other Nondurable Goods" includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	OCT. 1982	SEP. 1982	OCT. 1981	SEP. 1982	OCT. 1981
TOTAL NONAGRICULTURAL	101.3	101.9	101.8	-.6	.5
MANUFACTURING	19.8	20.1	20.6	-.3	.8
DURABLE GOODS	10.9	11.2	11.6	-.3	.7
FURNITURE AND FIXTURES	1.1	1.4	1.1	-.3	.0
PRIMARY METAL INDUSTRY & FABRICATED METAL PRODUCTS	2.5	2.5	2.3	.0	.2
FABRICATED STRUCTURAL METAL PRODUCTS	1.1	1.1	1.1	.0	.0
MACHINERY EXCEPT ELECTRICAL	1.2	1.2	1.7	.0	.5
OTHER DURABLE GOODS	6.2	6.3	6.5	-.1	.3
NONDURABLE GOODS	8.9	8.9	9.0	.0	-.1
FOOD & KINDRED PRODUCTS	1.9	1.8	1.8	.1	.1
TEXTILE MILL PRODUCTS	1.7	1.8	1.9	-.1	-.2
APPAREL & OTHER TEXTILE PRODUCTS	1.9	1.8	1.9	.1	.0
PRINTING AND PUBLISHING	0.9	0.9	0.9	.0	.0
OTHER NONDURABLE GOODS	2.5	2.5	2.6	.0	-.1
NONMANUFACTURING	81.5	81.8	81.2	-.3	.3
MINING	0.1	0.2	0.2	-.1	.1
CONSTRUCTION	4.6	4.6	4.5	.0	.1
TRANSPORTATION & PUBLIC UTILITIES	9.5	9.8	9.7	-.3	.2
WHOLESALE & RETAIL TRADE	25.5	25.4	24.9	.1	.6
WHOLESALE TRADE	7.5	7.5	7.5	.0	.0
RETAIL TRADE	18.0	17.9	17.4	.1	.6
FINANCE, INSURANCE AND REAL ESTATE	5.0	6.0	6.1	-.1	-.2
SERVICES	20.0	20.9	20.8	.0	.1
GOVERNMENT	15.0	15.0	15.1	.0	-.1
FEDERAL GOVERNMENT	3.3	3.3	3.2	.0	.1
STATE & LOCAL GOVERNMENT	11.7	11.7	11.9	.0	-.2

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke and Salem and the counties of Botetourt, Craig, and Roanoke.

NOTE: The category "Other Durable Goods" includes the lumber and wood products; stone, clay, and glass; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

The category "Other Nondurable Goods" includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table B-1.

LABOR FORCE ESTIMATES ^{1/}

(Data Not Seasonally Adjusted)

	Preliminary September 1982	Revised August 1982	September 1981
UNITED STATES			
Civilian Labor Force	110,546,000	111,887,000	108,273,000
Employed	99,851,000	101,177,000	100,389,000
Unemployed	10,695,000	10,710,000	7,884,000
Rate	9.7	9.6	7.3
VIRGINIA			
Civilian Labor Force	2,648,500	2,642,700	2,611,600
Employed	2,453,700	2,451,100	2,466,200
Unemployed	194,800	191,600	145,400
Rate	7.4	7.2	5.6
BRISTOL AREA			
Civilian Labor Force	38,430	37,500	38,900
Employed	34,370	34,200	36,500
Unemployed	4,060	3,300	2,400
Rate	10.6	8.8	6.2
LYNCHBURG SMSA			
Civilian Labor Force	76,560	75,520	74,820
Employed	69,460	69,060	71,180
Unemployed	7,100	6,460	3,640
Rate	9.3	8.6	4.9
NEWPORT NEWS-HAMPTON SMSA			
Civilian Labor Force	173,390	173,890	167,380
Employed	161,800	163,370	157,280
Unemployed	11,590	10,520	10,100
Rate	6.7	6.1	6.0
NORFOLK-VIRGINIA BEACH-PORTSMOUTH SMSA			
Civilian Labor Force	342,470	341,250	338,220
Employed	317,270	317,050	317,260
Unemployed	25,200	24,200	20,960
Rate	7.4	7.1	6.2
NORTHERN VIRGINIA AREA			
Civilian Labor Force	621,700	624,700	607,500
Employed	595,200	597,800	583,400
Unemployed	26,500	26,900	24,100
Rate	4.3	4.3	4.0
PETERSBURG-COLONIAL HEIGHTS-HOPEWELL SMSA			
Civilian Labor Force	60,150	59,150	58,380
Employed	54,800	54,060	53,740
Unemployed	5,350	5,090	4,640
Rate	8.9	8.6	7.9
RICHMOND SMSA			
Civilian Labor Force	341,600	339,090	335,380
Employed	322,270	319,890	321,080
Unemployed	19,330	19,200	14,300
Rate	5.7	5.7	4.3
ROANOKE SMSA			
Civilian Labor Force	111,540	112,020	110,170
Employed	104,020	104,230	103,930
Unemployed	7,520	7,790	6,240
Rate	6.7	7.0	5.7

^{1/} All data adjusted to a place-of-residence basis.

NOTE: Employment includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to first quarter 1981 benchmark levels.

Manpower Research
Virginia Employment Commission

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C-1.

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	OCT. 1982	SEP. 1982	OCT. 1981	OCT. 1982	SEP. 1982	OCT. 1981	OCT. 1982	SEP. 1982	OCT. 1981
MANUFACTURING	\$284.10	\$289.42	\$280.59	38.6	38.7	39.8	\$7.36	\$7.48	\$7.05
DURABLE GOODS	293.14	290.94	288.35	39.4	39.0	40.9	7.44	7.46	7.05
LUMBER AND WOOD PRODUCTS	204.20	213.07	199.43	37.4	38.6	38.5	5.46	5.52	5.18
FURNITURE AND FIXTURES	175.78	166.99	184.69	35.8	33.6	38.8	4.91	4.97	4.76
HOUSEHOLD AND OFFICE FURNITURE	173.46	164.34	185.08	35.4	33.2	38.8	4.90	4.95	4.77
STONE, CLAY & GLASS PRODUCTS	250.29	262.05	267.07	36.7	38.2	41.6	6.82	6.86	6.42
STRUCTURAL CLAY PRODUCTS	226.77	264.03	261.51	38.5	44.6	42.8	5.89	5.92	6.11
GLASS AND GLASS PRODUCTS	293.92	292.14	269.87	39.4	38.9	40.4	7.46	7.51	6.68
PRIMARY METAL INDUSTRIES	344.65	312.70	356.87	38.9	34.9	40.6	8.86	8.96	8.79
FABRICATED METAL PRODUCTS	344.60	349.16	342.24	40.0	40.6	42.2	8.62	8.60	8.11
FABRICATED STRUCTURAL METAL PRODUCTS	338.44	326.61	326.83	42.2	41.5	42.5	8.02	7.87	7.69
MACHINERY EXCEPT ELECTRICAL	305.75	297.20	307.09	38.9	38.2	41.0	7.86	7.78	7.49
CONSTRUCTION AND RELATED MACHINERY	286.56	301.86	320.54	36.0	38.7	41.9	7.96	7.80	7.65
SPECIAL INDUSTRY MACHINERY	366.76	368.75	346.18	39.1	40.3	40.3	9.38	9.15	8.59
REFRIGERATION AND SERVICE MACHINERY	307.64	228.18	288.54	42.2	31.3	42.0	7.29	7.29	6.87
ELECTRIC & ELECTRONIC EQUIPMENT	311.64	304.57	289.76	39.2	38.7	40.3	7.95	7.87	7.19
COMMUNICATION EQUIPMENT	343.04	332.20	306.15	40.5	39.5	39.2	8.47	8.41	7.81
INSTRUMENTS & RELATED PRODUCTS	219.43	202.58	169.00	38.7	36.7	36.5	5.67	5.52	4.63
MISC. MANUFACTURING INDUSTRIES	229.26	212.84	228.33	36.8	34.0	39.3	6.23	6.26	5.81
NONDURABLE GOODS	276.29	289.50	274.25	37.9	38.6	38.9	7.29	7.50	7.05
FOOD & KINDRED PRODUCTS	249.54	260.14	250.73	37.3	38.2	39.3	6.69	6.81	6.38
TOBACCO MANUFACTURES	357.94	412.73	377.64	35.3	38.9	36.7	10.14	10.61	10.29
CIGARETTES	386.80	449.30	421.87	35.1	38.8	37.4	11.02	11.58	11.28
TEXTILE MILL PRODUCTS	216.71	215.06	220.13	37.3	36.7	39.1	5.81	5.86	5.63
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	224.10	221.71	240.59	37.6	37.2	40.3	5.96	5.96	5.97
KNITTING MILLS	199.72	198.38	193.21	35.1	34.5	37.3	5.69	5.75	5.18
YARN AND THREAD MILLS	203.59	197.73	202.10	40.8	39.0	43.0	4.99	5.07	4.70
MISC. TEXTILE GOODS	241.54	261.10	241.36	40.8	43.3	41.4	5.92	6.03	5.83
APPAREL & OTHER TEXTILE PRODUCTS	167.44	166.01	163.90	36.8	35.7	35.4	4.55	4.65	4.63
MENS & BOYS SUITS, COATS AND FURNISHINGS	174.74	178.97	161.03	35.3	35.3	32.4	4.95	5.07	4.97
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	157.56	153.12	156.52	36.9	35.2	35.9	4.27	4.35	4.36
PAPER & ALLIED PRODUCTS	391.28	429.05	365.51	42.3	44.6	42.7	9.25	9.62	8.56
PULP, PAPER & PAPERBOARD	473.49	550.14	438.62	43.4	48.3	43.6	10.91	11.39	10.06
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	311.82	313.18	297.51	41.3	41.1	42.2	7.55	7.62	7.05
PRINTING AND PUBLISHING	331.39	344.34	328.61	38.4	39.9	38.3	8.63	8.63	8.58
NEWSPAPER AND PERIODICALS	290.07	310.46	266.33	35.9	39.2	33.5	8.08	7.92	7.95
CHEMICALS & ALLIED PRODUCTS	406.14	411.18	368.05	40.9	41.2	41.4	9.93	9.98	8.89
PLASTICS MATERIALS AND SYNTHETICS	418.40	419.42	376.41	41.1	40.8	41.5	10.18	10.28	9.07
AGRICULTURAL CHEMICALS	254.65	251.92	264.06	38.7	37.6	40.5	6.58	6.70	6.52
LEATHER & LEATHER PRODUCTS	121.30	146.97	131.19	29.3	35.5	33.9	4.14	4.14	3.87

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-2.

**ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
BRISTOL METROPOLITAN STATISTICAL AREA**

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	OCT. 1982	SEP. 1982	OCT. 1981	OCT. 1982	SEP. 1982	OCT. 1981	OCT. 1982	SEP. 1982	OCT. 1981
MANUFACTURING	\$246.86	\$243.91	\$230.14	36.9	36.9	37.0	\$6.69	\$6.61	\$6.22
DURABLE GOODS	300.69	292.15	293.34	38.5	37.6	41.2	7.81	7.77	7.12
FABRICATED METAL PRODUCTS	364.62	384.34	346.80	38.3	40.8	40.8	9.52	9.42	8.50
MACHINERY & TRANSPORTATION EQUIPMENT	263.84	224.20	284.33	36.9	31.4	42.5	7.15	7.14	6.69
NONDURABLE GOODS	183.40	189.53	160.38	35.0	36.1	32.4	5.24	5.25	4.95
FOOD & KINDRED PRODUCTS	209.15	205.20	190.90	36.5	36.0	34.9	5.73	5.70	5.47
APPAREL & OTHER TEXTILE PRODUCTS	151.31	166.50	120.10	32.4	35.2	27.8	4.67	4.73	4.32

Data for the Bristol, Virginia Area (city of Bristol and the counties of Scott and Washington) cover approximately 6,300 production workers.

Table C-3.

**ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA**

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	OCT. 1982	SEP. 1982	OCT. 1981	OCT. 1982	SEP. 1982	OCT. 1981	OCT. 1982	SEP. 1982	OCT. 1981
MANUFACTURING	\$263.25	\$267.25	\$272.40	37.5	37.8	40.0	\$7.02	\$7.07	\$6.81
DURABLE GOODS	265.70	271.95	282.71	36.1	36.8	40.1	7.36	7.39	7.05
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	166.83	177.29	175.45	33.3	35.6	36.1	5.01	4.98	4.86
NONDURABLE GOODS	259.65	261.46	255.67	39.4	39.2	39.7	6.59	6.67	6.44
FOOD & KINDRED PRODUCTS	316.82	349.10	269.99	43.4	46.3	39.3	7.30	7.54	6.87
TEXTILE MILL PRODUCTS	212.40	214.52	239.80	35.4	35.4	39.9	6.00	6.06	6.01
APPAREL & OTHER TEXTILE PRODUCTS	145.44	136.86	147.78	36.0	32.9	36.4	4.04	4.16	4.06
PAPER & ALLIED PRODUCTS	427.92	398.27	391.56	49.3	48.1	48.4	8.68	8.28	8.09

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox, and Campbell) cover approximately 17,700 production workers.

See footnote Table C-1.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	OCT. 1982	SEP. 1982	OCT. 1981	OCT. 1982	SEP. 1982	OCT. 1981	OCT. 1982	SEP. 1982	OCT. 1981
MANUFACTURING	\$316.52	\$315.88	\$293.22	41.0	41.4	40.5	\$7.72	\$7.63	\$7.24
DURABLE GOODS	350.57	348.78	313.70	42.7	42.9	40.9	8.21	8.13	7.67
LUMBER AND WOOD PRODUCTS	234.39	237.58	215.22	39.0	39.4	38.5	6.01	6.03	5.59
STONE, CLAY & GLASS PRODUCTS	273.42	305.20	285.65	37.2	40.0	41.7	7.35	7.63	6.85
FABRICATED METAL PRODUCTS	258.80	247.25	218.48	40.0	40.4	38.6	6.47	6.12	5.66
MACHINERY EXCEPT ELECTRICAL	263.42	266.63	253.23	38.4	39.5	39.2	6.86	6.75	6.46
TRANSPORTATION EQUIPMENT	442.96	447.30	391.61	48.2	49.1	44.2	9.19	9.11	8.86
NONDURABLE GOODS	255.83	255.53	253.29	37.9	38.6	39.7	6.75	6.62	6.38
FOOD & KINDRED PRODUCTS	247.59	241.92	250.70	37.4	37.8	40.5	6.62	6.40	6.19
CHEMICALS & ALLIED PRODUCTS	248.50	267.72	247.93	37.2	38.8	36.3	6.68	6.90	6.83

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk, and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 21,800 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	OCT. 1982	SEP. 1982	OCT. 1981	OCT. 1982	SEP. 1982	OCT. 1981	OCT. 1982	SEP. 1982	OCT. 1981
MANUFACTURING	\$323.19	\$325.62	\$310.72	39.9	40.2	41.1	\$8.10	\$8.10	\$7.56
DURABLE GOODS	302.17	299.15	287.04	41.0	40.7	41.3	7.37	7.35	6.95
STONE, CLAY & GLASS PRODUCTS	254.51	244.22	247.20	38.1	39.4	40.0	6.68	6.36	6.18
FABRICATED METAL PRODUCTS	390.93	389.62	347.77	49.8	48.4	43.8	7.85	8.05	7.94
ELECTRIC & ELECTRONIC EQUIPMENT	297.84	290.32	295.41	40.8	40.1	43.0	7.30	7.24	6.87
NONDURABLE GOODS	352.28	363.92	345.51	38.5	39.6	40.6	9.15	9.19	8.51
FOOD & KINDRED PRODUCTS	304.18	306.53	295.16	38.7	38.9	40.6	7.86	7.88	7.27

Data for the Northern Virginia Area (cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, and Prince William) cover approximately 10,400 production workers.

See footnote Table C-1.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	OCT. 1982	SEP. 1982	OCT. 1981	OCT. 1982	SEP. 1982	OCT. 1981	OCT. 1982	SEP. 1982	OCT. 1981
MANUFACTURING	\$354.48	\$386.72	\$322.20	40.6	40.2	35.8	\$9.47	\$9.62	\$9.00
DURABLE GOODS	193.27	199.02	184.14	38.5	39.1	37.2	5.02	5.09	4.95
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	223.04	236.53	188.65	41.0	43.4	38.5	5.44	5.45	4.90
NONDURABLE GOODS	448.93	442.67	410.66	41.3	40.5	40.7	10.87	10.93	10.09
FOOD & KINDRED PRODUCTS	1) 237.20	250.42	314.88	1) 39.6	42.3	51.2	1) 5.99	5.92	6.15
CHEMICALS & ALLIED PRODUCTS	509.63	482.20	338.54	45.1	42.9	32.9	11.30	11.24	10.29

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell, and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 6,900 production workers.

1/ 1982 hours and earnings data not comparable with prior years.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	OCT. 1982	SEP. 1982	OCT. 1981	OCT. 1982	SEP. 1982	OCT. 1981	OCT. 1982	SEP. 1982	OCT. 1981
MANUFACTURING	\$358.51	\$364.02	\$365.31	38.8	39.1	41.0	\$9.24	\$9.31	\$8.91
DURABLE GOODS	346.32	337.08	338.24	39.0	38.7	40.9	8.88	8.71	8.27
LUMBER AND WOOD PRODUCTS	207.58	208.80	216.54	38.8	40.0	40.4	5.35	5.22	5.36
FURNITURE AND FIXTURES	196.50	191.46	189.12	39.3	36.4	39.4	5.00	5.26	4.80
FABRICATED METAL PRODUCTS	364.17	331.79	418.58	36.2	35.6	41.9	10.06	9.32	9.99
FABRICATED STRUCTURAL METAL PRODUCTS	396.76	361.82	470.67	36.5	36.4	43.5	10.87	9.94	10.82
NONDURABLE GOODS	362.23	372.79	375.97	38.7	39.2	41.0	9.36	9.51	9.17
FOOD & KINDRED PRODUCTS	260.51	262.39	260.17	37.7	37.7	39.3	6.91	6.96	6.62
TOBACCO MANUFACTURES	405.90	412.47	458.55	36.9	37.6	41.8	11.00	10.97	10.97
CIGARETTES	416.25	416.25	470.64	37.5	37.5	42.4	11.10	11.10	11.10
APPAREL & OTHER TEXTILE PRODUCTS	194.80	185.16	205.82	40.0	38.9	41.0	4.87	4.76	5.02
PAPER & ALLIED PRODUCTS	349.38	347.49	337.08	41.2	40.5	42.4	8.48	8.58	7.95
PRINTING AND PUBLISHING	346.50	360.48	353.98	38.5	39.7	39.2	9.00	9.08	9.03
CHEMICALS & ALLIED PRODUCTS	412.85	418.41	392.20	40.2	40.9	40.6	10.27	10.23	9.66

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent, and Powhatan) cover approximately 36,300 production workers.

See footnote Table C-1.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	OCT. 1982	SEP. 1982	OCT. 1981	OCT. 1982	SEP. 1982	OCT. 1981	OCT. 1982	SEP. 1982	OCT. 1981
MANUFACTURING	\$270.47	\$264.26	\$266.49	39.6	39.5	40.5	\$6.83	\$6.69	\$6.58
DURABLE GOODS	277.29	274.82	282.91	39.0	39.6	41.3	7.11	6.94	6.85
FABRICATED METAL PRODUCTS	279.88	259.29	267.10	42.6	40.2	42.6	6.57	6.45	6.27
FABRICATED STRUCTURAL METAL PRODUCTS	303.08	271.10	275.80	44.9	41.2	42.3	6.75	6.58	6.52
NONDURABLE GOODS	261.70	252.41	247.50	40.2	39.5	39.6	6.51	6.39	6.25
FOOD & KINDRED PRODUCTS	271.34	275.31	275.80	41.3	41.4	44.7	6.57	6.65	6.17
TEXTILE MILL PRODUCTS	215.91	211.30	194.62	39.4	37.8	37.0	5.48	5.59	5.26

Data for the Roanoke Standard Metropolitan Statistical Area (cities of Roanoke and Salem and the counties of Botetourt, Craig, and Roanoke) cover approximately 13,500 production workers.

See footnote Table C-1.

CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS
U. S. CITY AVERAGE

ALL ITEMS -- (1967=100)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.	ANNUAL AVERAGE PERCENT CHANGE
1970	113.3	113.9	114.5	115.2	115.7	116.3	116.7	116.9	117.5	118.1	118.5	119.1	116.3	5.9
1971	119.2	119.4	119.8	120.2	120.8	121.5	121.8	122.1	122.2	122.4	122.1	121.3	121.3	4.3
1972	123.2	123.8	124.0	124.3	124.7	125.0	125.5	125.7	126.2	126.6	126.9	127.3	125.3	3.3
1973	127.7	128.6	129.8	130.7	131.5	132.4	132.7	135.1	135.5	136.6	137.6	138.5	133.1	6.2
1974	139.7	141.5	143.1	143.9	145.5	146.9	148.0	149.9	151.7	153.0	154.3	155.4	147.7	11.1
1975	156.1	157.2	157.8	158.6	159.3	160.6	162.3	162.8	163.6	164.6	165.6	166.3	161.2	9.1
1976	166.7	167.1	167.5	168.2	169.2	170.1	171.1	171.9	172.6	173.3	173.8	174.3	170.5	5.8
1977	175.2	177.1	178.2	179.6	180.6	181.8	182.6	183.3	184.0	184.5	185.4	186.1	181.5	6.4
1978	187.2	188.4	189.8	191.5	193.3	195.3	196.7	197.8	199.3	200.9	202.0	202.9	195.4	7.7
1979	204.7	207.1	209.1	211.5	214.1	216.6	218.9	221.1	223.4	225.4	227.5	229.9	217.4	11.3
1980	233.2	236.4	239.8	242.5	244.9	247.6	247.8	249.4	251.7	253.9	256.2	258.4	246.8	13.5
1981	260.5	263.2	265.1	266.8	269.0	271.3	274.4	276.5	279.3	279.9	280.7	281.5	272.4	10.4
1982	282.5	283.4	283.1	284.3	287.1	290.6	292.2	292.8	293.3	294.1				

SOURCE: U. S. Department of Labor, Bureau of Labor Statistics

Table U-1.

SEASONALLY ADJUSTED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA
(In Thousands)

SEASONALLY ADJUSTED	OCT. 1982	SEP. 1982	OCT. 1981	SEP. 1981
TOTAL NONAGRICULTURAL	2,141.4	2,159.3	2,163.2	2,164.6
MANUFACTURING	394.8	396.5	407.5	411.9
DURABLE GOODS	177.0	178.7	186.2	188.7
LUMBER AND WOOD PRODUCTS	21.0	21.1	21.6	22.1
FURNITURE AND FIXTURES	23.7	24.1	25.1	25.0
HOUSEHOLD AND OFFICE FURNITURE	22.4	22.9	23.7	24.3
STONE, CLAY & GLASS PRODUCTS	11.4	11.5	12.6	12.7
GLASS AND GLASS PRODUCTS	1.8	1.8	2.2	2.2
STRUCTURAL CLAY PRODUCTS	0.5	0.5	0.6	0.7
PRIMARY METAL INDUSTRIES	10.0	10.3	11.6	11.7
FABRICATED METAL PRODUCTS	19.1	19.3	20.3	20.7
FABRICATED STRUCTURAL METAL PRODUCTS	11.7	11.7	12.4	12.6
MACHINERY EXCEPT ELECTRICAL	13.1	13.4	14.9	15.0
CONSTRUCTION AND RELATED MACHINERY	4.1	4.0	4.8	4.7
SPECIAL INDUSTRY MACHINERY	1.7	1.6	1.8	1.8
REFRIGERATION AND SERVICE MACHINERY	1.6	1.7	2.0	2.0
ELECTRIC & ELECTRONIC EQUIPMENT	14.6	14.8	16.3	16.5
COMMUNICATION EQUIPMENT	10.2	10.2	10.0	10.0
TRANSPORTATION EQUIPMENT	17.9	18.4	17.4	17.0
INSTRUMENTS & RELATED PRODUCTS	3.9	3.9	4.0	4.0
MISC. MANUFACTURING INDUSTRIES	2.3	2.3	2.5	2.6
NONDURABLE GOODS	218.1	217.2	221.3	222.8
FOOD & KINDRED PRODUCTS	19.4	19.2	19.3	19.5
TOBACCO MANUFACTURES	18.2	18.8	18.2	19.1
CIGARETTES	15.7	16.3	15.9	16.7
TEXTILE MILL PRODUCTS	41.5	41.4	43.7	44.7
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	18.3	18.2	19.2	19.4
KNITTING MILLS	14.1	13.8	13.7	13.9
YARN AND THREAD MILLS	2.1	2.1	2.3	2.4
MISC. TEXTILE GOODS	1.2	1.2	1.2	1.2
APPAREL & OTHER TEXTILE PRODUCTS	32.8	32.4	32.5	32.6
MENS & BOYS SUITS, COATS AND FURNISHINGS	11.1	10.8	11.2	11.2
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	18.1	17.9	19.0	18.0
PAPER & ALLIED PRODUCTS	14.7	14.7	15.0	15.0
PULP, PAPER & PAPERBOARD	8.0	7.9	8.1	8.1
PRINTING AND PUBLISHING	23.8	23.5	22.7	22.6
NEWSPAPER AND PERIODICALS	8.6	8.5	8.0	8.2
CHEMICALS & ALLIED PRODUCTS	32.6	32.5	34.0	33.9
PLASTICS MATERIALS AND SYNTHETICS	19.4	19.4	20.8	20.7
AGRICULTURAL CHEMICALS	1.4	1.4	1.2	1.3
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	12.0	12.0	12.3	12.4
LEATHER & LEATHER PRODUCTS	3.1	3.3	3.5	3.5
MINING	21.5	21.8	23.3	23.2
BITUMINOUS COAL AND LIGNITE MINING	19.4	19.6	20.5	20.4
CONSTRUCTION	104.4	102.9	112.8	112.7
TRANSPORTATION & PUBLIC UTILITIES	115.9	116.8	117.7	117.5
RAILROAD TRANSPORTATION	11.8	12.9	13.9	14.0
TRUCKING & WAREHOUSING	25.4	25.3	27.2	27.2
TRANSPORTATION BY AIR	11.7	11.8	11.4	11.6
COMMUNICATION	33.4	33.4	33.2	33.0
ELECTRIC, GAS & SANITARY SERVICES	18.7	18.9	17.9	17.7
WHOLESALE & RETAIL TRADE	476.8	476.1	468.2	467.5
WHOLESALE TRADE	109.1	109.0	107.8	107.1
WHOLESALE TRADE - DURABLE GOODS	66.4	66.4	66.3	65.5
WHOLESALE TRADE - NONDURABLE GOODS	42.8	42.7	41.7	41.7
RETAIL TRADE	367.7	366.9	360.3	360.1
GENERAL MERCHANDISE STORES	56.0	57.1	57.7	58.3
FOOD STORES	56.8	56.3	57.2	57.2
AUTOMOTIVE DEALERS AND SERVICE STATIONS	43.2	42.9	43.5	43.3
FURNITURE AND HOME FURNISHING STORES	18.2	18.2	17.5	17.6
MISCELLANEOUS RETAIL	47.1	47.2	46.8	46.6
FINANCE, INSURANCE AND REAL ESTATE	106.3	106.7	106.5	106.6
BANKING	76.1	35.9	34.7	34.4
INSURANCE CARRIERS	20.2	20.1	20.2	20.3
REAL ESTATE	24.9	25.0	27.1	26.8
SERVICES	429.8	427.4	419.5	421.2
PERSONAL SERVICES	23.5	23.8	24.6	24.7
BUSINESS SERVICES	85.2	84.3	82.5	81.7
AUTO & MISC. REPAIR SERVICE	18.5	18.5	17.5	17.5
HEALTH SERVICES	113.6	113.3	111.1	111.1
GOVERNMENT	512.6	512.4	508.7	505.7
FEDERAL GOVERNMENT	159.1	159.1	158.0	157.6
STATE & LOCAL GOVERNMENT	353.4	352.8	351.0	347.6

Current month's estimates are preliminary and have been adjusted to first quarter 1981 benchmark levels.

Table D-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, SEASONALLY ADJUSTED BY INDUSTRY DIVISIONS ANNUAL AVERAGES 1972 - 1981 JANUARY 1978 TO DATE (IN THOUSANDS)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, In- surance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages									
1972	1,655.4	888.0	16.1	116.6	100.9	336.1	74.3	242.8	380.1
1973	1,753.2	901.8	16.2	130.9	105.2	361.7	80.8	266.4	390.2
1974	1,804.8	902.0	16.1	133.4	107.4	368.6	84.4	266.4	404.7
1975	1,778.8	871.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.3	887.8	21.8	111.8	104.3	383.7	86.3	312.9	432.8
1977	1,930.6	901.0	21.9	113.7	105.9	399.4	90.3	324.9	454.8
1978	2,033.0	909.4	20.4	129.8	107.5	428.0	97.1	357.8	482.7
1979	2,098.4	913.2	24.3	135.2	114.3	439.9	103.3	374.6	493.6
1980	2,156.8	913.7	22.7	128.6	115.8	451.1	105.9	406.1	511.0
1981	2,160.4	912.0	21.4	115.9	116.7	462.9	106.3	415.8	509.6
1978:									
January	1,967.9	905.5	14.1	120.4	105.1	413.6	93.1	341.0	471.2
February	1,981.5	906.0	13.7	121.9	105.4	416.7	93.7	344.2	473.8
March	1,987.2	906.2	13.4	121.8	106.5	418.3	94.5	347.1	476.1
April	2,013.2	905.3	24.3	129.9	106.9	421.1	95.1	349.4	480.3
May	2,027.6	908.8	22.8	129.7	108.8	425.4	96.1	354.1	481.7
June	2,048.2	910.5	23.1	132.3	109.2	430.6	97.9	358.4	486.1
July	2,046.1	910.2	23.3	132.6	103.7	431.4	97.8	362.6	486.5
August	2,054.0	911.5	21.0	132.8	104.8	433.4	98.4	365.5	487.8
September	2,052.9	911.0	17.2	133.0	104.6	435.1	99.5	367.1	485.9
October	2,063.8	912.1	23.1	134.4	111.7	433.6	98.6	364.7	486.3
November	2,073.7	912.5	24.2	135.1	111.6	437.6	99.5	368.2	487.8
December	2,079.6	913.0	24.4	134.2	112.1	438.6	100.9	371.3	488.6
1979:									
January	2,091.1	915.2	26.6	134.2	114.3	437.2	101.2	369.3	490.6
February	2,078.2	905.9	26.5	128.5	113.7	437.0	102.0	371.3	489.1
March	2,088.9	909.9	25.8	133.8	114.4	439.6	101.7	372.7	489.0
April	2,088.1	910.3	25.1	134.4	112.3	440.2	102.2	373.4	488.9
May	2,093.3	911.8	23.7	136.3	113.4	440.5	102.8	373.7	490.8
June	2,093.4	912.2	23.2	136.7	115.4	438.8	103.2	372.8	491.2
July	2,097.5	915.0	23.3	137.6	115.0	439.4	103.6	372.0	493.3
August	2,101.5	914.0	23.9	137.6	114.9	438.9	103.9	372.5	495.4
September	2,105.8	915.9	23.0	137.0	114.9	439.5	104.4	375.1	496.2
October	2,112.6	916.2	22.8	135.5	114.7	441.4	105.1	379.1	498.3
November	2,116.1	915.6	23.5	135.3	114.0	444.5	105.0	381.8	499.2
December	2,114.5	915.4	23.9	135.6	114.3	441.9	105.1	381.4	501.0
1980:									
January	2,146.5	917.9	24.2	139.2	114.1	446.2	105.5	395.5	502.4
February	2,153.5	919.2	23.7	138.3	114.4	447.3	105.6	396.7	504.3
March	2,146.2	920.1	23.2	131.3	114.1	447.1	105.7	396.4	506.2
April	2,155.7	916.9	23.4	130.5	116.0	449.3	106.0	403.1	508.6
May	2,154.2	915.1	22.0	129.1	116.8	449.2	105.9	405.7	510.3
June	2,150.6	912.0	21.8	126.5	115.9	449.5	106.0	408.5	510.3
July	2,141.8	905.3	21.7	125.1	116.1	450.9	105.9	410.4	508.6
August	2,159.3	909.9	22.5	125.0	116.7	453.3	106.0	413.9	513.1
September	2,165.4	909.8	22.5	125.2	116.2	454.3	106.0	414.2	518.4
October	2,167.3	912.2	22.4	125.1	116.5	454.4	105.9	416.9	514.7
November	2,168.3	913.0	22.7	124.6	116.1	455.0	106.2	417.8	515.4
December	2,172.6	913.4	23.0	123.6	116.2	456.5	106.4	418.6	519.9
1981:									
January	2,161.9	914.0	23.9	121.7	115.8	455.9	105.7	409.5	512.5
February	2,173.9	913.8	23.9	124.4	116.4	459.8	105.9	409.6	514.5
March	2,168.7	916.2	23.7	121.0	116.0	458.4	106.4	409.6	515.1
April	2,152.5	914.5	12.3	118.1	115.1	458.2	107.2	410.6	513.1
May	2,145.8	914.8	12.6	115.8	116.1	458.4	106.1	411.5	510.7
June	2,158.7	914.6	21.3	114.5	116.7	463.5	106.0	415.1	507.7
July	2,154.5	912.1	21.7	113.4	117.6	464.7	106.0	418.8	503.0
August	2,157.4	911.5	22.7	112.6	117.6	465.8	106.1	419.7	503.0
September	2,164.6	911.9	22.2	112.7	117.5	467.5	106.6	421.2	505.7
October	2,163.2	907.5	23.3	112.8	117.7	468.2	106.5	419.5	508.7
November	2,163.0	906.8	23.6	112.3	116.9	466.9	106.5	421.8	510.3
December	2,160.3	906.4	23.4	111.8	116.5	467.0	106.0	423.1	511.1
1982:									
January	2,179.1	905.1	24.7	110.1	119.1	474.9	106.7	423.1	510.7
February	2,191.7	905.2	24.6	114.4	118.9	478.0	106.9	425.2	512.0
March	2,173.0	902.1	24.8	109.2	118.0	475.5	107.1	421.5	513.1
April	2,163.6	901.1	24.8	106.3	117.8	473.6	107.0	421.0	510.2
May	2,157.1	898.3	23.1	105.2	119.4	473.9	106.4	421.6	509.2
June	2,152.9	899.4	21.9	102.6	117.1	476.3	105.6	422.3	508.9
July	2,150.0	897.4	21.5	102.8	116.4	476.6	105.4	424.6	509.1
August	2,155.6	896.9	21.7	102.6	117.6	475.3	105.5	425.0	512.3
September	2,159.3	896.5	21.8	102.9	116.8	476.1	106.7	427.4	512.4
October	2,161.4	894.8	21.5	104.4	115.9	476.8	106.3	429.2	512.6

See footnote Table D-1.

Table D-3.

SEASONALLY ADJUSTED WEEKLY HOURS OF VIRGINIA MANUFACTURING PRODUCTION WORKERS

SEASONALLY ADJUSTED	OCT. 1982	SEP. 1982	OCT. 1981	SEP. 1981
MANUFACTURING	38.2	38.6	39.4	39.4
DURABLE GOODS	38.7	38.6	40.2	40.0
LUMBER AND WOOD PRODUCTS	36.9	38.6	38.0	37.9
FURNITURE AND FIXTURES	34.3	33.5	37.4	37.2
HOUSEHOLD AND OFFICE FURNITURE	34.1	33.1	37.4	37.0
STONE, CLAY & GLASS PRODUCTS	36.2	38.0	41.1	40.7
GLASS AND GLASS PRODUCTS	39.6	38.8	40.5	42.4
STRUCTURAL CLAY PRODUCTS	36.5	43.4	40.6	38.7
PRIMARY METAL INDUSTRIES	38.1	34.8	39.7	36.3
FABRICATED METAL PRODUCTS	39.5	40.2	41.7	40.8
FABRICATED STRUCTURAL METAL PRODUCTS	41.8	40.4	42.1	40.0
MACHINERY EXCEPT ELECTRICAL	38.9	38.2	40.9	40.5
CONSTRUCTION AND RELATED MACHINERY	34.3	38.2	40.0	39.1
SPECIAL INDUSTRY MACHINERY	39.0	40.5	40.2	40.1
REFRIGERATION AND SERVICE MACHINERY	42.6	32.3	42.3	42.8
ELECTRIC & ELECTRONIC EQUIPMENT	38.6	38.4	39.7	39.8
COMMUNICATION EQUIPMENT	40.1	38.7	38.8	38.8
INSTRUMENTS & RELATED PRODUCTS	39.2	36.7	37.0	37.0
MISC. MANUFACTURING INDUSTRIES	35.8	34.3	38.2	36.8
NONDURABLE GOODS	37.8	38.4	38.7	38.9
FOOD & KINDRED PRODUCTS	36.6	38.3	38.6	37.9
TOBACCO MANUFACTURES	35.7	38.0	37.2	37.0
CIGARETTES	35.5	39.1	37.8	38.3
TEXTILE MILL PRODUCTS	37.4	36.3	39.2	38.1
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	37.6	36.9	40.3	41.4
KNITTING MILLS	35.0	34.3	37.2	37.1
YARN AND THREAD MILLS	40.0	38.5	42.1	37.1
MISC. TEXTILE GOODS	39.6	43.2	40.2	29.7
APPAREL & OTHER TEXTILE PRODUCTS	36.8	35.7	35.3	35.4
MENS & BOYS SUITS, COATS AND FURNISHINGS	35.4	35.2	32.4	33.1
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	36.7	35.4	35.6	35.5
PAPER & ALLIED PRODUCTS	41.8	44.4	42.1	42.9
PULP, PAPER & PAPERBOARD	43.0	48.7	43.2	45.1
PRINTING AND PUBLISHING	37.5	39.4	37.5	38.3
NEWSPAPER AND PERIODICALS	35.7	38.8	33.3	34.8
CHEMICALS & ALLIED PRODUCTS	41.0	41.6	41.5	44.3
PLASTICS MATERIALS AND SYNTHETICS	41.3	41.0	41.7	44.2
AGRICULTURAL CHEMICALS	38.4	38.6	40.2	42.5
LEATHER & LEATHER PRODUCTS	30.5	33.7	35.3	36.7

See footnote Table D-1.

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.